

What is claimed is:

1. A data recording and reproducing apparatus
comprising:

a disc recording and reproducing means;

a tape recording and reproducing means;

a data transfer means;

a first input/output means, and

a second input/output means,

said disc recording and reproducing means, said tape
recording and reproducing means, said data transfer means,
said first input/output means, and said second input/output
means being integrally assembled;

said disc recording and reproducing means recording
audio-visual data, which comprises audio and visual data,
audio data or visual data, transferred from said data
transfer means in a disc recording medium to which random
access is possible and reproduces said audio-visual data
from said disc recording medium and outputs the same to said
data transfer means;

said tape recording and reproducing means recording
said audio-visual data transferred from said data transfer
means in said tape recording medium and reproduces said

said data transfer means transferring said audio-visual data among any of the elements selected from among

said first input/output means receiving an analog audio-visual signal from an outside apparatus, converting the same to audio-visual data of a digital format, and outputting the same to said data transfer means and converting said audio-visual data transferred from said data transfer means to an audio-visual signal of the analog format and outputs the same to an outside apparatus; and

2. A data recording and reproducing apparatus as set forth in claim 1, wherein

2. A data recording and reproducing apparatus as set

audio-visual data which was reproduced from said tape recording medium by said tape recording and reproducing means and transferred by said data transfer means and said audio-visual data which was received by said first input/output means and said second input/output means and transferred by said data transfer means in said disc recording medium and

10 said tape recording and reproducing means records
said audio-visual data which was reproduced from said disc
recording medium by said disc recording and reproducing
means and said audio-visual data which was received by said
first input/output means and said second input/output means
and transferred by said data transfer means in said tape
15 recording medium.

3. A data recording and reproducing apparatus as set forth in claim 1, wherein

said data transfer means has:

an input buffering means performing the buffering of
said audio-visual data input from said disc recording and
reproducing means;

~~an output buffering means performing the buffering~~

recording and reproducing means; and

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forth in claim 3, wherein

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forth in claim 4, wherein

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~~means receives said audio-visual data and records said~~

transfer means transfers said audio-visual data.

6. A data recording and reproducing apparatus as set forth in claim 1, wherein said first input/output means has:

5 a digital/analog conversion means for converting
said audio-visual data of a digital format from said data
transfer means to an audio-visual signal of an analog format
and outputting the same to an outside apparatus and

an analog/digital conversion means for converting an
audio-visual signal of an analog format from an outside
apparatus to audio-visual data of a digital format and
outputting the same to said data transfer means.

7. A data recording and reproducing apparatus as set forth in claim 1, wherein said second input/output means

15 has:

a data output means for converting audio-visual data of a parallel format from the data transfer means to audio-visual data of a serial format and outputting the same to a predetermined communication line of the outside apparatus and

a data reception means for receiving audio-visual
~~data of a serial format from a predetermined communication~~

~~line of an outside apparatus and converting the same to
audio-visual data of a parallel format and outputting the
same to said data transfer means.~~

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